

Claims

What is claimed is:

1. A method of health data management, comprising the following steps, for each of a plurality of clients:

(a) collecting demographic information from a client, the client having assigned thereto a unique client identifier;

(b) conducting a medical screening on the client, wherein said screening comprises at least one genetic test;

(c) storing results from said at least one test in a database;

(d) analyzing results in conjunction with risk factors associated with the client;

(e) generating a report for the client according to said analysis; and

(f) pre-populating an electronic health record for remote access by the client.

2. The method of claim 1 further comprising the step of combining the results of a plurality of clients to provide aggregate information and providing access to said aggregate information.

3. The method of claim 1 wherein the step of storing results from said test in a database comprises:

associating a unique identifier for each test taken by the client with said client identifier;

storing results wherein said results have assigned thereto a unique results identifier, said results identifier associated with said client identifier.

4. The method of claim 1 wherein the step of analyzing results in conjunction with risk factors comprises, for each of a plurality of risk factors, assigning unique identifier for said risk factor, establishing a risk assessment question associated with said risk factor, inquiring of the client said risk assessment question, storing response to said risk assessment question, determining positive or negative risk factor based on said response.

5. The method of claim 1 wherein the report generated for the client according to said analysis comprises:

a screening summary comprising test name, client results, and normal ranges;

a detailed report comprising educational information for each of said tests conducted during client screening, said educational information comprising test name, client results, normal ranges, associated health risks, recommendations, and test protocols; and

a physician's report comprising test name, client results, and normal ranges.

6. The method of claim 1 wherein the step of populating an electronic health record for remote access by the client comprises:

establishing a remotely accessible secure file for said client;

automatically storing demographic information collected from said client;

automatically storing test results for said client for each screening;

allowing client to update file with additional data;

allowing client to control access to data by others.

7. The method of claim 1 wherein said steps are performed for each of a plurality of clients in an organization wherein said organization has assigned thereto a unique organization identifier and said organization identifier is associated with each client who is a member of the organization.

8. A computer system for health data management, comprising:

input means for collecting demographic information from a client, the client having assigned thereto a unique client identifier, receiving and storing results in a database from at least one genetic test conducted during a medical screening on the client;

processing means for analyzing results in conjunction with risk factors associated with the client and pre-populating an electronic health record for remote access by the client; and

output means for generating a report for the client according to said analysis.

9. A computer readable media containing program instructions for outputting data from a computer system, the data being obtained from tables in a database associated with the computer system, said computer readable media comprising:

first computer program code for collecting demographic information from a client, the client having assigned thereto a unique client identifier;

second computer program code for conducting a medical screening on the client, wherein said screening comprises at least one genetic test;

third computer program code for storing results from said at least one test in a database;

fourth computer program code for analyzing results in conjunction with risk factors associated with the client;

fifth computer program code for generating a report for the client according to said analysis; and

sixth computer program code for pre-populating an electronic health record for remote access by the client.

10. A computerized storage and retrieval system for health data management comprising a data storage means for storing data in a relational database wherein the database comprises tables, each table having a domain of at least one attribute in common with at least one other table, said tables comprising:

at least one table for storing demographic information pertaining to a client;

at least one table for storing information pertaining to a risk assessment;

at least one table for storing responses to the risk assessment;

at least one table for storing risk factors for the risk assessment;

at least one table for storing information pertaining to client screening;

at least one table for storing common test information for tests that the client takes; and

at least one table for storing genetic test results for tests that the client takes.

11. A computer system for storing and retrieving health data comprising:

a relational database for storing data comprising a plurality of interrelated tables wherein each table comprises an attribute having a common domain with an attribute of at least one other table in the database; and

means for collecting and storing demographic information from a client in said database, the client having assigned thereto a unique client identifier;

means for conducting a medical screening on the client, wherein said screening comprises at least one genetic test;

means for storing results from said at least one test in said database;

means for analyzing results in conjunction with risk factors associated with the client; and

means for generating a report for the client according to said analysis on the basis of the data stored in the relational database.

12. The computer system of claim 11, wherein the database comprises tables, said tables comprising:

at least one table for storing demographic information pertaining to a client;

at least one table for storing information pertaining to a risk assessment;

at least one table for storing responses to the risk assessment;

at least one table for storing risk factors for the risk assessment;

at least one table for storing information pertaining to client screening;

at least one table for storing common test information for tests that the client takes; and

at least one table for storing genetic test results for tests that the client takes.